

wherein:

B2
A¹ and A² are each a hydrogen atom, optionally substituted alkyl group; optionally substituted aryl group; or optionally substituted heterocyclic group; and X is -C(R¹,R²)-C(R³,R⁴)-, -C(R⁵)=C(R⁶)-, -C(R⁷,R⁸)-C(R⁹,R¹⁰)-C(R¹¹,R¹²)-, or -C(R¹³,R¹⁴)-C(R¹⁵,R¹⁶)-NH-, wherein, R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰, R¹¹, R¹², R¹³, R¹⁴, R¹⁵ and R¹⁶ are each a hydrogen atom; halogen atom; optionally substituted alkyl group; optionally substituted aryl group; or optionally substituted heterocyclic group; or pharmaceutically acceptable salt thereof.

2. (Amended) The following compounds represented by the formula (I) of claim 1;

2-(6-chloro-3-pyridyl)-2-imidazoline;
2-(6-chloro-3-pyridyl)-1,4,5,6-tetrahydropyrimidine;
2-(6-chloro-3-pyridyl)-1-methyl-2-imidazoline;
2-(6-chloro-3-pyridyl)-1-methyl-1,4,5,6-tetrahydropyrimidine;
1-(6-chloro-3-pyridyl)methylimidazole;
2-(6-chloro-3-pyridyl)imidazole;
2-(6-chloro-3-pyridyl)methyl-2-imidazoline;
2-(6-chloro-3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;
2-(6-chloro-3-pyridyl)methyl-1-methyl-2-imidazoline;

2-(6-chloro-3-pyridyl)methyl-1-methyl-1,4,5,6-tetrahydropyrimidine;

1-(6-chloro-3-pyridyl)methyl-2-methyl-2-imidazoline;

1-(6-chloro-3-pyridyl)methyl-4,4-dimethyl-2-imidazoline;

2-(tetrahydrofuran-3-yl)-1,4,5,6-tetrahydropyrimidine;

2-(tetrahydrofuran-3-yl)-2-imidazoline;

2-(tetrahydrofuran-3-yl)methyl-1,4,5,6-tetrahydropyrimidine;

2-(5-bromo-3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;

2-(5-bromo-3-pyridyl)methyl-2-imidazoline;

2-(3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;

2-(3-pyridyl)methyl-2-imidazoline;

2-(3-aminophenyl)-1,4,5,6-tetrahydropyrimidine;

2-(3-quinolyl)methyl-1,4,5,6-tetrahydropyrimidine;

2-(2-chloro-5-thiazolyl)-1,4,5,6-tetrahydropyrimidine;

2-(3-quinolyl)methyl-2-imidazoline;

2-(2-chloro-5-thiazolyl)-2-imidazoline;

2-(3-quinolyl)-1,4,5,6-tetrahydropyrimidine;

2-(3-furanyl)methyl-2-imidazoline;

1-(6-chloro-3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;

2-(3,5-dimethyl-4-isoxazolyl)methyl-1,4,5,6-tetrahydro-pyrimidine;

2-(3,5-dimethyl-4-isoxazolyl)methyl-2-imidazoline;

2-(3-thienyl)methyl-1,4,5,6-tetrahydropyrimidine;

2-(3-thienyl)methyl-2-imidazoline;

2-methyl-5-(3-pyridyl)-2-imidazoline;

5-(3-pyridyl)-2-imidazoline;

1,2-bis[(6-chloro-3-pyridyl)methyl]-1,4,5,6-tetrahydro-pyrimidine;

1-(6-chloro-3-pyridyl)methyl-2-(3-pyridyl)-2-imidazoline;

2-(5,6-dichloro-3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;

2-(6-chloro-3-pyridyl)methyl-5-phenyl-1,4,5,6-tetrahydro-pyrimidine;

2-(4-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;

2-(2-chloro-3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;

2-(2,6-dichloro-3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;

2-[2-(6-chloro-3-pyridyl)ethyl]-1,4,5,6-tetrahydropyrimidine;

2-[2-(6-chloro-3-pyridyl)ethyl]-2-imidazoline;

2-(6-methyl-3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;

1,2-bis[(6-chloro-3-pyridyl)methyl]-2-imidazoline;

2-(6-methyl-3-pyridyl)methyl-2-imidazoline;

2-(6-ethoxy-3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;

2-(6-ethoxy-3-pyridyl)methyl-2-imidazoline;

2-(6-fluoro-3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;

2-(5,6-dichloro-3-pyridyl)methyl-2-imidazoline;

2-(6-chloro-3-pyridyl)methyl-5,5-dimethyl-1,4,5,6-tetrahydro-pyrimidine;

2-(2-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;

1-(5,6-dichloro-3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;

2-(5,6-dichloro-3-pyridyl)methyl-1-methyl-2-imidazoline;

~~2-(6-chloro-3-pyridyl)methyl-4-methyl-1,4,5,6-tetrahydro-pyrimidine;~~

~~1-[2-(6-chloro-3-pyridyl)ethyl]-1,4,5,6-tetrahydropyrimidine;~~

~~1-(3-pyridazinyl)methyl-1,4,5,6-tetrahydropyrimidine;~~

~~1-(6-methyl-3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;~~

~~1-(3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;~~

~~3-(6-chloro-3-pyridyl)methyl-1,4,5,6-tetrahydro-1,2,4-triazine;~~

~~2-[1-(6-chloro-3-pyridyl)ethyl]-1,4,5,6-tetrahydropyrimidine;~~

~~1-(2-chloro-5-thiazolyl)methyl-1,4,5,6-tetrahydropyrimidine;~~

~~1-[2-(6-chloro-3-pyridyl)ethyl]-2-methyl-2-imidazoline;~~

~~1-[2-(6-chloro-3-pyridyl)ethyl]-4,4-dimethyl-2-imidazoline;~~

~~2-(2-chloro-5-thiazolyl)methyl-1,4,5,6-tetrahydropyrimidine;~~

~~2-(2-chloro-5-thiazolyl)methyl-2-imidazoline;~~

~~2-(5-pyrimidyl)methyl-1,4,5,6-tetrahydropyrimidine;~~

~~2-(5-pyrimidyl)methyl-2-imidazoline; and~~

~~2-(5-methyl-3-pyridyl)methyl-1,4,5,6-tetrahydropyrimidine;~~

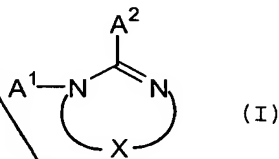
~~and pharmaceutically acceptable salt thereof.~~

~~22. (Amended) A composition according to claim 3, further comprising a pharmaceutically acceptable carrier or excipient for oral or parenteral administration.~~

B/4 34. (Amended) The compound according to claim 1, wherein the pharmaceutically acceptable salt is a salt of hydrochloric acid, hydrobromic acid, sulfuric acid, phosphoric acid, fumaric acid, maleic acid, oxalic acid, citric acid, tartaric acid, malic acid, lactic acid, succinic acid, benzoic acid, methanesulfonic acid, and p-toluenesulfonic acid.

Please add claims 35-40 as follows:

B/5 35. (new) A cyclic amidine compound represented by the formula (I):



Sub
D1 wherein:

A¹ and A² are each a hydrogen atom, optionally substituted alkyl group; optionally substituted aryl group; or heterocyclic group selected from the group consisting of unsubstituted or substituted thiophen, unsubstituted or substituted furan, unsubstituted or substituted pyran, unsubstituted or substituted pyrrole, unsubstituted or substituted pyrazole, pyridine substituted with one or more of C₁-C₄ lower alkyl group or halogen atom, unsubstituted or substituted pyrimidine, unsubstituted or substituted pyrazine, unsubstituted or substituted pyridazine, unsubstituted or substituted imidazole, unsubstituted or substituted oxazole, unsubstituted or substituted isoxazole, unsubstituted or substituted isothiazole, unsubstituted or substituted quinoline, unsubstituted or substituted isoquinoline, unsubstituted or substituted indole, unsubstituted or substituted azaindole, and unsubstituted or substituted tetrahydropyrimidine; and

BS
X is $-C(R^7, R^8)-C(R^9, R^{10})-C(R^{11}, R^{12})-$ wherein $R^7, R^8, R^9, R^{10}, R^{11}$ and R^{12} are each a hydrogen atom; halogen atom; optionally substituted alkyl group; optionally substituted aryl group; or optionally substituted heterocyclic group; or a pharmaceutically acceptable salt thereof.

Sub
36. (new) The following compounds represented by the formula (I) of claim

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- 2- (6-chloro-3-pyridyl) - 1, 4, 5, 6-tetrahydropyrimidine;
- 2- (6-chloro-3-pyridyl) - 1-methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (6-chloro-3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (6-chloro-3-pyridyl)methyl-1-methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (tetrahydrofuran-3-yl) - 1, 4, 5, 6-tetrahydropyrimidine;
- 2- (tetrahydrofuran-3-yl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (5-bromo-3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (3-aminophenyl) - 1, 4, 5, 6-tetrahydropyrimidine;
- 2- (3-quinolyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (2-chloro-5-thiazolyl)-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (3-quinolyl)-1, 4, 5, 6-tetrahydropyrimidine;
- 1- (6-chloro-3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (3, 5-dimethyl-4-isoxazolyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (3-thienyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 1, 2-bis [(6-chloro-3-pyridyl) methyl] - 1, 4, 5, 6-tetrahydropyrimidine;
- 2- (5, 6-dichloro-3-pyridyl) methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (6-chloro-3-pyridyl)methyl-5-phenyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (4-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (2-chloro-3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- (2, 6-dichloro-3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
- 2- [2-(6-chloro-3-pyridyl)ethyl]-1, 4, 5, 6-tetrahydropyrimidine;

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2- (6-methyl-3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
2- (6-ethoxy-3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
2- (6-fluoro-3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
2- (6-chloro-3-pyridyl)methyl-5, 5-dimethyl-1, 4, 5, 6-tetrahydropyrimidine;
2- (2-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
1- (5, 6-dichloro-3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
2- (6-chloro-3-pyridyl)methyl-4-methyl-1, 4, 5, 6-tetrahydropyrimidine;
1-[2-(6-chloro-3-pyridyl)ethyl]-1, 4, 5, 6-tetrahydropyrimidine;
1- (3-pyridazinyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
1- (6-methyl-3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
1- (3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
2- [1-(6-chloro-3-pyridyl)ethyl]-1, 4, 5, 6-tetrahydropyrimidine;
1- (2-chloro-5-thiazolyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
2- (2-chloro-5-thiazolyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
2- (5-pyrimidyl)methyl-1, 4, 5, 6-tetrahydropyrimidine;
2- (5-methyl-3-pyridyl)methyl-1, 4, 5, 6-tetrahydropyrimidine; and a
pharmaceutically acceptable salt thereof.

37. (new) A composition according to claim 4, further comprising a pharmaceutically acceptable carrier or excipient for oral or parenteral administration.

38. (new) A composition according to claim 37, wherein said carrier or excipient is selected from the group consisting of polyvinyl pyrrolidone, gum arabic, gelatin, sorbitol, cyclodextrin, magnesium stearate, talc, polyethylene glycol, polyvinyl alcohol, silica, lactose, crystalline cellulose, sugar, starch, calcium phosphate, vegetable oil, carboxymethyl-cellulose, hydroxypropylcellulose, sodium lauryl sulfate, water, ethanol, glycerol, mannitol, syrup and mixtures thereof.